



EXPLANATION

Well, showing deepest rock penetrated

- Pennsylvanian or Mississippian
- Devonian or Silurian
- Ordovician
- Cambrian
- Precambrian

Altitude of base of Boone formation (Mississippian), in feet above or below (—) sea level
Altitude of base of a shale of Mississippian(?) age is indicated in White and Jackson Counties where the Boone apparently grades into the lower part of the shale unit. Underlined figures are reported altitudes

Estimated altitude of base of Boone formation (Mississippian), in feet above or below (—) sea level

Altitude, in feet below sea level, of bottom of well not reaching base of the Boone formation

Structural contour

Drawn on base of Boone formation except as indicated in White and Jackson Counties. Contour lines in the northern one-third of the area are controlled locally by data from surface maps. Contour interval 500 feet, dashed where inferred. Datum is mean sea level

Gas field producing from rocks of Morrow age
Area of Morrow production is shown in solid red; outline of entire field, including area of Atoka production, is shown by red line

STRUCTURE OF THE BOONE FORMATION, AND LOCATION OF GAS FIELDS PRODUCING FROM ROCKS OF MORROW AGE, ARKANSAS

10 0 10 20 30 40 50 Miles